

Specification Amendments

Page 1, please replace the first paragraph with following:

--CROSS-REFERENCE TO RELATED APPLICATION

This application is a non-provisional application of provisional application No. 60/432,658, filed December 12, 2002.

Field of the Invention

This invention relates to a process meter for measuring at least one physical process variable, particularly a mass flow rate, density, viscosity, pressure, or the like, of a medium stored in a process container or flowing in a process line.

Background of the Invention--

Page 9, please replace the third complete paragraph with the following:

--Summary of the Invention

It is therefore an object of the invention to improve process meters of the kind referred to at the beginning in such a way that even in the unsteady transition region of the temperature distribution within their respective transducers, thermally induced errors in the measurement signal are largely compensated for, and that as few temperature sensors as possible are needed to determine as accurate a correction factor as possible for temperature effects on the measurement signal.--

Page 14, please replace the last paragraph with the following:

~~--In the accompanying drawings:~~

Brief Description of the Drawings

Fig. 1 is a perspective view of a process meter;--

Page 15, please replace the last complete paragraph with the following:

--Description of the Preferred Embodiments

In Figs. 1 and 2, there is shown an embodiment of a process meter, for instance a Coriolis mass flowmeter, a densimeter, and/or a viscometer, comprising a vibratory transducer 10, preferably housed in a transducer case 100, and an electronics case 200, containing meter electronics 50 electrically connected to transducer 10.--